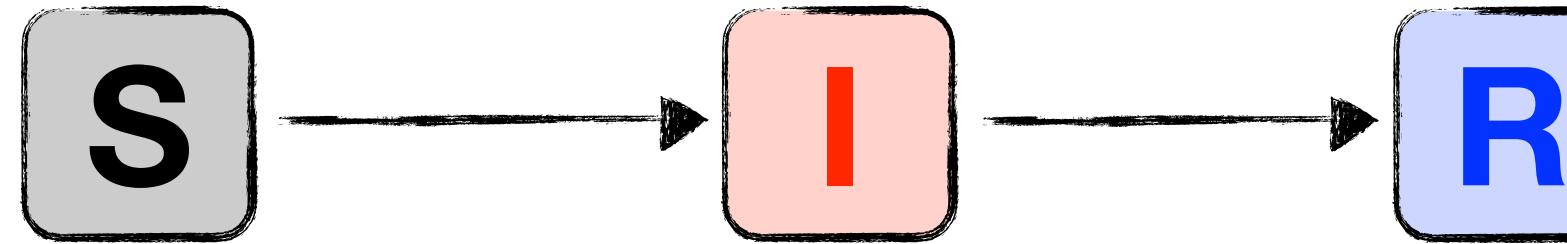
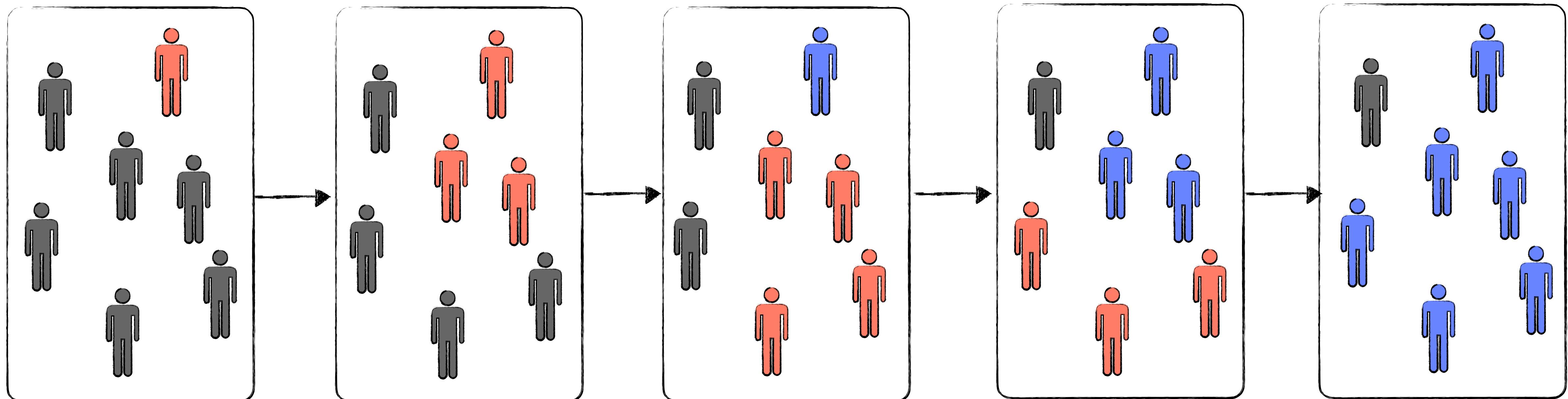


The fundamental model of disease transmission: the SIR model

If we describe how an **individual** progresses through disease...

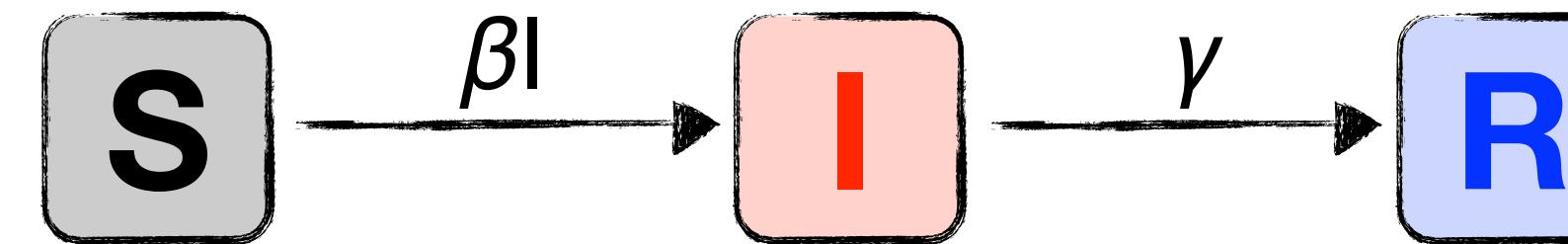


Can we infer what will happen with the **population**?



The fundamental model of disease transmission: the SIR model

If we describe how an **individual** progresses through disease...



The **S**→**I** transition depends on **infectiousness (β)**
and the **number of infectious people (I)**

The **I**→**R** transition depends on the **recovery rate (γ)**

Can we infer what will happen with the population?

